

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L14	12	(84/391).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/14 14:17
L15	125	(116/142fp).CCLS.	US-PGPUB; USPAT	OR	OFF	2009/04/14 14:18
S1	2086	((84/387r) or (84/83) or (84/93) or (84/381) or (84/386) or (84/380c) or (84/402) or (84/410) or (84/414) or (84/419,420) or (84/411a) or (84/452r) or (84/452p)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/22 16:30
S2	302	S1 and ((chamber or cavit\$3 or opened or opening or open or hollow\$3 or spac\$3 or aperture or hole or orifice) near3 (acoustic\$4 or resonanc\$3 or resonat\$3 or vibrat\$3 or press\$3 or sound\$3 or noise or vibration\$2))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/22 16:36
S3	63	S2 and ((vibrat\$3 or vibration\$2 or strik\$3 or hit\$4 or noise or sound) near3 (head or skin or lid or strip or cover\$3))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/22 16:50
S4	1	(roberto near3 arzabala).in.	US-PGPUB; USPAT; DERWENT	ADJ	ON	2008/04/22 16:56
S5	2	(es "1045625") or (es "1052192") or (de "3546548")	EPO; DERWENT	ADJ	ON	2008/04/22 17:04
S6	54776	"84".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/22 17:17
S7	4022	S6 and ((chamber or cavit\$3 or opened or opening or open or hollow\$3 or spac\$3 or aperture or hole or orifice) near3 (acoustic\$4 or resonanc\$3 or resonat\$3 or vibrat\$3 or press\$3 or sound\$3 or noise or vibration\$2))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/22 17:18
S8	645	S7 and ((vibrat\$3 or vibration\$2 or strik\$3 or hit\$4 or noise or sound) near3 (head or skin or lid or strip or cover\$3))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/22 17:19

S9	294	S8 and ((blowtub\$3 or blow\$3 or mouthpiece or mouth\$3 or air or breath \$3))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/22 17:20
S10	372	S6 and ((chamber or cavit \$3 or opened or opening or open or hollow\$3 or spac\$3 or aperture or hole or orifice) near3 (acoustic\$4 or resonanc \$3 or resonat\$3 or vibrat \$3 or press\$3 or sound\$3 or noise or vibration\$2)). ab.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/22 17:30
S11	92	S10 and ((vibrat\$3 or vibration\$2 or strik\$3 or hit\$4 or noise or sound) near3 (head or skin or lid or strip or cover\$3))	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/04/22 17:31
S12	5	((("20030061929") or ("3621749") or ("4970983") or ("5662064")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/07 17:12
S13	124738	((horn or airhorn or blowhorn or call\$3 or sound\$3 or nois\$2 or noisemaker or whistl\$3) and (vibrat\$3 or membrane or strip\$3 or pressur\$3 or pressuriz\$3 or air)).ti,ab.	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/05/08 07:56
S14	2257	S13 and ((vibrat\$3 or membrane or strip\$3 or pressur\$3 or pressuriz\$3) near3 (metal or alumin\$4 or iron or zinc or copper))	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/05/08 07:57
S15	177	S14 and ((vibrat\$3 or membrane or strip\$3 or pressur\$3 or pressuriz\$3) near3 (plastic\$4 or polymer))	US-PGPUB; USPAT; USOCR; DERWENT	ADJ	ON	2008/05/08 08:01
S16	17	("0870074" "1655675" "1679011" "2370939" "2918895" "3000344" "3429294" "3785335" "4970983" "5460116"). PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/05/08 09:10
S17	12131	((plastic or polyethylene or polymer) near3 (coat \$3 or cover\$3 or protect \$3)) with (aluminum)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2008/05/08 09:22

S18	1153	S17 and ((polymer or plastic or polyethylene or aluminum or metal) near3 (flex\$4 or vibrat\$3 or frequenc\$3))	US-PGPUB; USPAT; DERWENT	ADJ	ON	2008/05/08 09:23
S19	46	S18 and (plastic coated aluminum)	US-PGPUB; USPAT; DERWENT	ADJ	ON	2008/05/08 09:31
S20	29873	"116".clas.	US-PGPUB; USPAT	ADJ	ON	2008/05/15 08:16
S21	1047	S20 and (horn or sound \$3 or noise or chamber or cavity).ab.	US-PGPUB; USPAT	ADJ	ON	2008/05/15 08:18
S22	143	S21 and (semi or semispher\$2 or semispheric\$4 or sphere or elliptic\$4 or eliips\$3)	US-PGPUB; USPAT	ADJ	ON	2008/05/15 08:18
S23	1	("5600080").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/05/15 15:47
S24	11	("0870074" "1655675" "1679011" "2918895" "4686928" "4706295" "4970983").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/13 15:42
S25	55812	"84".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/14 09:33
S26	4639	S25 and (blowhorn or noise or airhorn or horn or sound\$3 or ship or truck or boat or car or vessel or vehicle).ab,ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/14 09:34
S27	248	S26 and ((aluminum or metal or metallic\$4) near3 (vibrat\$4 or membrane or film\$3 or strip or layer\$3 or sheet))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/14 09:35
S28	85	S27 not (piano or string or guitar)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/14 09:35
S29	17	S28 and aluminum	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/14 09:35
S31	51776	"116".clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/14 09:40
S32	4397	S31 and (blowhorn or noise or airhorn or horn or sound\$3 or ship or truck or boat or car or vessel or vehicle).ab,ti.	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/14 09:41
S33	235	S32 and ((aluminum or metal or metallic\$4) near3 (vibrat\$4 or membrane or film\$3 or strip or layer\$3 or sheet))	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/14 09:41

S34	113	S33 and (blowhorn or noise or airhorn or horn or sound\$3)	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/14 09:42
S35	19	S34 and aluminum	US-PGPUB; USPAT; USOCR	ADJ	ON	2009/04/14 09:43

4/ 14/ 2009 2:19:39 PM

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